

Granby Energy Committee
2019 2nd Quarter Report to Selectboard
April 1 to June 30, 2019

- 1) Solar Massachusetts Renewable Target (SMART) Program**
 - a) Selectboard created a moratorium on Solar Fields over 250 kw in the Town for one year, expiring January 31, 2020.**

- 2) Electric Vehicle (EV) Chargers – through Mass Department of Environmental Protection (DEP) Electronic Vehicle Incentive Program (EVIP) and Volkswagen (VW) Grants**
 - a) Workplace Charging
 - i) Public Safety Complex -
 - (1) This grant is for workplace chargers to be used only by municipal employees or municipally owned vehicles.
 - (2) We have applied for 4 EVSE, LLC chargers Model 3722 to be used by the Granby Police Department.
 - (3) The funds for the installation are in place and the installer has been asked to order the parts needed for the installation.
 - b) Public Access Charging
 - i) The chargers will be located at the New Library. National Grid needs to review and approve the site prior to the application being filed. National Grid will do the installation at no cost to the Town.
 - ii) Application for this grant was submitted on March 18, 2019 which is the deadline for applying. We are waiting Mass DOER's approval.
 - c) Schools – Massachusetts School Building Authority (MSBA) Grant
 - i) This grant is for four (4) EVSE Model 3704 EV Chargers
 - ii) The four chargers are operational electronically
 - d) New Library**
 - i) An application for two EV chargers at the New Library was submitted March 18, 2019. We are waiting Mass DOER's approval.**

- 3) Municipal Energy Technical Assistance (META) Grant Program**
 - a) Application approved effective November 8, 2018 in the amount of \$12,500. A letter has been received from Boston saying we are authorized to use money. Pioneer Valley Planning Commission (PVPC) will create RFPs and send any other reports after the holidays. A decision is to be made on the RFPs by the end of January 2019.

- b) Energy Committee Recommendations –
 - i) A qualifying study to determine efficacy and scope of building retro-commissioning for the Public Safety Complex
 - (1) Currently included in FY2018 Green Community Grant Application
 - ii) The heating system conversion engineering study and/or bid specification for the Jr./Sr. High School
 - iii) Consultant support to apply International Performance Measurement & Verification Protocol (IPMVP) to Green Community energy usage data for communities with the following circumstances – newly functioning ventilation; and/or significant changes in operating hours as the Town will no longer be paying rent on the annex and moving the departments to the Carnegie Building.
 - (1) Currently included in FY2018 Green Community Grant Application
- c) Projects for this Grant must be completed by May 31, 2020
 - i) No RFPs were received. Jay Joyce spoke with Boston and received permission to select an alternate project.
 - ii) **The Energy Committee recommended spending the \$12,500 on a study of the Public Safety Complex roof for solar and battery storage. The Public Safety Complex would then be a non-metered building.**

4) Municipal Vulnerability Plan (MVP) Study

- a) \$15,000 awarded to Granby to study its vulnerabilities to climate change
 - i) PVPC to start Study shortly
 - ii) On September 17, 2018 Selectboard authorized Chris Martin to sign an MVP standard contract not to exceed \$15,000, which authorized PVPC to be our MVP study group subcontractor.
 - iii) Initial meeting to be scheduled with the findings to be used for the Yearly Mass Works Grant
 - iv) An 8-hour workshop was held on March 9. PVPC is our consultant conducting the workshop. The leaders of the MVP grant are Jay Joyce, Chris Martin and Dave Desrosiers.
 - v) A public meeting will be held in conjunction with the April 1 Select Board meeting. PVPC will present their results from the March 9 workshop.

5) MVP Action Grant

- i) **We have completed all the requirements for the MVP Action Grant, have submitted an application for \$1.9 million and are awaiting a response.**

6) Net Zero Energy for Proposed New Municipal Town Hall & Senior Center

- a) Waiting for the Governor to release the \$4 million bond
- b) Energy Committee to research what Net Zero Energy incentives are available
- c) Still waiting for the Governor to release the \$4 million bond.

7) Energy Reduction Plan (ERP)

- a) We have entered into a contract with an approved Mass DOER vendor (PVPC) to update the Town's initial Energy Reduction Plan (ERP) to include the new library
- b) ERP completed and was included as a subcomponent of the Green Community FY2018 report. Closure pending approval of FY2018 report by Mass DOER.
- c) Verbal approval received from Jane Pfister of Mass DOER.

8) LED Street Lights

- a) National Grid offers a free program to replace streetlights from sodium to LED in the entire town
- b) Chris Martin and Jay Joyce met with a National Grid representative and reviewed all the existing sodium lights in town.
- c) LED replacement bulbs were started being replaced January 2019
 - i) Installation of the LED replacement bulbs is almost completed by National Grid.**
- d) Once the conversion is complete the town will be using 2/3 less energy in the streetlights

9) FY 2019 Green Community Grant

- a) A total of \$250,000 Energy Conservation Measures (ECM) were requested in the FY2019 Green Community Grant application. These include:
 - i) DPW – Heat Pump
 - ii) Dufresne Park – Install LED Lighting
 - iii) New Library – LED Lighting, Building Retro-Commissioning, Install Condensing Boilers Holding Tank, BERT (Best Electronic Response Technology) devices
 - iv) Public Safety Complex - Weatherization
 - v) Led Lighting and Weatherization
- b) Select Board approved selection of ECMs at their March 4, 2019 meeting and signed the application at their March 18, 2019. Application submitted by Jillian DeCoursey at PVPC to MASS DOER on March 22, 2019.
 - c) Waiting for decision from MASS DOER Green Community Division.**

10) Granby Municipal Utility

- a) Article 1 was postponed at the February 4, 2019 Special Town Meeting. Nothing more can be done with this project until the voters approve the article when it is brought forward again.

11) Cooley Park and Green Meadow Lane (Sand Plains State Park) Land

- a) The Parks Committee has requested Cooley Park become a municipal solar field. This is postponed until an article is brought before the voters to approve a Granby Municipal Utility.

July 1, 2019

- b) Sand Plains State Park – The Energy Committee should work with the Economic Development Committee to recommend acquiring this land in conjunction with creating a Granby Municipal Utility. This is postponed until an article is brought before the voters to approve a Granby Municipal Utility.

12) New Vehicle Requests for FY2020

- a) **In keeping with Green Community requirements, new vehicle requests are reviewed by the Energy Committee to ensure compliance.**
- b) **New vehicle requests were received from the Police Department, Fire Department, Highway Department and Town Facilities Department. All vehicles except the one requested by the Police Department were over 8,500 pounds and, therefore, approved.**
- c) **The request from the Police Department was under 8,500 pounds but was approved as they are exempt from the 8,500-pound limitation.**

13) PVPC Grants

- a) **The Town applied for two new grants from the PVPC. One would cover Green Community requirements and the other would cover non-Green Community requirements. The grants are in the amount of \$3,000 each.**
- b) **The Energy Committee voted to use the two grants, if approved, to conduct a study for a Granby Municipal Utility Department.**

Jay Joyce

Chairperson,
Granby Energy Committee

Members = Lilian Camus (Secretary), Robert Camus, and Lenny Haflich
Alternates = ~~Jeffery Skelskie~~ and Mark Vincelette

Prepared By – Lilian Camus